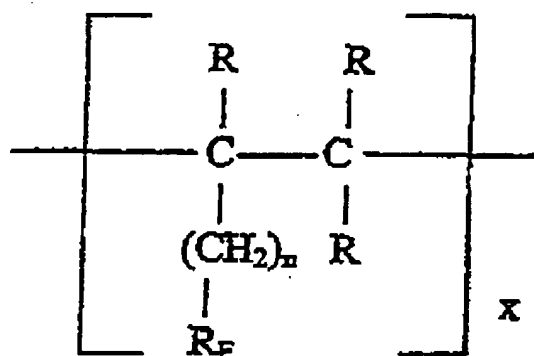


Applicant: Gross et al.  
 Application No.: 10/018,398  
 Examiner: Z. Fay

### Amendments to the Claims

1.-15. (Cancelled)

16. (Currently amended): A method of treating an eye comprising the step of applying at least one highly fluorinated oligomeric compound of the general formula



wherein

$\text{R}_F$  is a linear or branched perfluorinated alkyl chain  $\text{C}_2\text{F}_5$  to  $\text{C}_{12}\text{F}_{25}$ ,

R for each position is independently selected from the group H,  $\text{CH}_3$ ,  $\text{C}_2\text{H}_5$  and  $\text{C}_3\text{H}_7$ ,

n is selected from the integers 0, 1 and 2, and

x is an integer from 2 to 6,

having a molecular weight of at least 750

to an eye as an ophthalmologic treating agent, wherein the application to the eye is as one of:

- ~~one of a vitreous body substitute and a retina tamponade,~~
- a liquid implant,
- a tear substitute, ~~and~~
- a carrier of a pharmacological agent mixed with the highly fluorinated oligomeric compound before applying to the eye, and
- a retina tamponade.

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Application No.: 10/018,398  
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17 -20. (Cancelled)

21. (Previously presented) The method of claim 16 wherein a plurality of different ones of said highly fluorinated oligomeric compounds are mixed together before applying to the eye.

22. (Previously presented) The method of claim 16 wherein said highly fluorinated oligomeric compound is a component of a pharmacological preparation that is applied to the eye.

23. - 29. (Cancelled)